



(a)(2v) Waiver

From 1/1/2014 to 12/31/2014

All Vehicles Model Year	A			T			O			B			C			Total		
	ASM		% Waiver	TSI		% Waiver	OBD		% Waiver	OBD+ ASM		% Waiver	OBD+ TSI		% Waiver	Test Count	Waiver Count	% Waiver
	Test Count	Waiver Count		Test Count	Waiver Count		Test Count	Waiver Count		Test Count	Waiver Count		Test Count	Waiver Count		Test Count	Waiver Count	
1968	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%
1969	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1970	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1971	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1972	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1973	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1974	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1975	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1976	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1977	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1978	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1979	0	0	0.0%	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%
1980	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1981	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1982	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%
1983	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1984	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%
1985	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%
1986	6	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	0	0.0%
1987	6	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	0	0.0%
1988	23	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	23	0	0.0%
1989	44	1	2.3%	6	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	1	2.0%
1990	321	3	0.9%	21	1	4.8%	0	0	0.0%	0	0	0.0%	0	0	0.0%	342	4	1.2%
1991	468	12	2.6%	37	1	2.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	505	13	2.6%
1992	480	8	1.7%	38	2	5.3%	0	0	0.0%	0	0	0.0%	0	0	0.0%	518	10	1.9%
1993	679	6	0.9%	56	1	1.8%	0	0	0.0%	0	0	0.0%	0	0	0.0%	735	7	1.0%
1994	957	11	1.1%	74	1	1.4%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1031	12	1.2%
1995	997	7	0.7%	90	2	2.2%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1087	9	0.8%
1996	0	0	0.0%	21	1	4.8%	759	6	0.8%	204	3	1.5%	17	1	5.9%	1001	11	1.1%
1997	0	0	0.0%	35	0	0.0%	1090	14	1.3%	135	4	3.0%	4	0	0.0%	1264	18	1.4%
1998	0	0	0.0%	38	1	2.6%	1377	13	0.9%	89	6	6.7%	14	1	7.1%	1518	21	1.4%
1999	0	0	0.0%	44	0	0.0%	1708	25	1.5%	0	0	0.0%	0	0	0.0%	1752	25	1.4%
2000	0	0	0.0%	62	3	4.8%	2460	35	1.4%	0	0	0.0%	0	0	0.0%	2522	38	1.5%
2001	0	0	0.0%	34	1	2.9%	2362	59	2.5%	0	0	0.0%	0	0	0.0%	2396	60	2.5%
2002	0	0	0.0%	46	1	2.2%	2615	60	2.3%	0	0	0.0%	0	0	0.0%	2661	61	2.3%
2003	0	0	0.0%	43	0	0.0%	2285	47	2.1%	0	0	0.0%	0	0	0.0%	2328	47	2.0%
2004	1	0	0.0%	39	1	2.6%	2369	39	1.6%	1	0	0.0%	0	0	0.0%	2410	40	1.7%
2005	0	0	0.0%	4	0	0.0%	1895	33	1.7%	1	0	0.0%	0	0	0.0%	1900	33	1.7%
2006	0	0	0.0%	3	0	0.0%	1893	33	1.7%	0	0	0.0%	0	0	0.0%	1896	33	1.7%
2007	0	0	0.0%	0	0	0.0%	1263	13	1.0%	1	0	0.0%	0	0	0.0%	1264	13	1.0%
2008	0	0	0.0%	0	0	0.0%	910	7	0.8%	0	0	0.0%	0	0	0.0%	910	7	0.8%
2009	0	0	0.0%	0	0	0.0%	465	3	0.6%	0	0	0.0%	0	0	0.0%	465	3	0.6%
2010	0	0	0.0%	0	0	0.0%	393	2	0.5%	0	0	0.0%	0	0	0.0%	393	2	0.5%
2011	0	0	0.0%	0	0	0.0%	279	0	0.0%	0	0	0.0%	0	0	0.0%	279	0	0.0%
2012	0	0	0.0%	0	0	0.0%	350	1	0.3%	0	0	0.0%	0	0	0.0%	350	1	0.3%
2013	0	0	0.0%	0	0	0.0%	101	0	0.0%	0	0	0.0%	0	0	0.0%	101	0	0.0%
2014	0	0	0.0%	0	0	0.0%	18	0	0.0%	0	0	0.0%	0	0	0.0%	18	0	0.0%
2015	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%



(a)(2v) Waiver

From 1/1/2014 to 12/31/2014

Passenger Model Year	A			T			O			B			C			Total			
	ASM		% Waiver	TSI		% Waiver	OBD		% Waiver	OBD+ ASM		% Waiver	OBD+ TSI		% Waiver	Test Count		Waiver Count	% Waiver
	Test Count	Waiver Count		Test Count	Waiver Count		Test Count	Waiver Count		Test Count	Waiver Count		Test Count	Waiver Count		Test Count	Waiver Count		
1968	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%	
1969	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1970	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1971	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1972	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1973	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1974	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1975	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1976	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1977	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1978	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1979	0	0	0.0%	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%	
1980	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1981	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1982	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%	
1983	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1984	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%	
1985	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%	
1986	4	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	4	0	0.0%	
1987	5	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	0	0.0%	
1988	10	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	0	0.0%	
1989	21	1	4.8%	2	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	23	1	4.3%	
1990	209	1	0.5%	7	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	216	1	0.5%	
1991	278	8	2.9%	20	1	5.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	298	9	3.0%	
1992	323	6	1.9%	17	1	5.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%	340	7	2.1%	
1993	373	1	0.3%	27	1	3.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	400	2	0.5%	
1994	505	7	1.4%	43	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	548	7	1.3%	
1995	530	4	0.8%	31	1	3.2%	0	0	0.0%	0	0	0.0%	0	0	0.0%	561	5	0.9%	
1996	0	0	0.0%	0	0	0.0%	424	5	1.2%	148	3	2.0%	17	1	5.9%	589	9	1.5%	
1997	0	0	0.0%	1	0	0.0%	613	9	1.5%	100	2	2.0%	4	0	0.0%	718	11	1.5%	
1998	0	0	0.0%	0	0	0.0%	836	8	1.0%	87	6	6.9%	14	1	7.1%	937	15	1.6%	
1999	0	0	0.0%	0	0	0.0%	1047	14	1.3%	0	0	0.0%	0	0	0.0%	1047	14	1.3%	
2000	0	0	0.0%	0	0	0.0%	1503	21	1.4%	0	0	0.0%	0	0	0.0%	1503	21	1.4%	
2001	0	0	0.0%	0	0	0.0%	1316	30	2.3%	0	0	0.0%	0	0	0.0%	1316	30	2.3%	
2002	0	0	0.0%	0	0	0.0%	1421	35	2.5%	0	0	0.0%	0	0	0.0%	1421	35	2.5%	
2003	0	0	0.0%	0	0	0.0%	1231	29	2.4%	0	0	0.0%	0	0	0.0%	1231	29	2.4%	
2004	1	0	0.0%	0	0	0.0%	1128	17	1.5%	0	0	0.0%	0	0	0.0%	1129	17	1.5%	
2005	0	0	0.0%	0	0	0.0%	1027	15	1.5%	0	0	0.0%	0	0	0.0%	1027	15	1.5%	
2006	0	0	0.0%	0	0	0.0%	1029	12	1.2%	0	0	0.0%	0	0	0.0%	1029	12	1.2%	
2007	0	0	0.0%	0	0	0.0%	693	10	1.4%	0	0	0.0%	0	0	0.0%	693	10	1.4%	
2008	0	0	0.0%	0	0	0.0%	490	4	0.8%	0	0	0.0%	0	0	0.0%	490	4	0.8%	
2009	0	0	0.0%	0	0	0.0%	286	2	0.7%	0	0	0.0%	0	0	0.0%	286	2	0.7%	
2010	0	0	0.0%	0	0	0.0%	207	2	1.0%	0	0	0.0%	0	0	0.0%	207	2	1.0%	
2011	0	0	0.0%	0	0	0.0%	173	0	0.0%	0	0	0.0%	0	0	0.0%	173	0	0.0%	
2012	0	0	0.0%	0	0	0.0%	217	1	0.5%	0	0	0.0%	0	0	0.0%	217	1	0.5%	
2013	0	0	0.0%	0	0	0.0%	68	0	0.0%	0	0	0.0%	0	0	0.0%	68	0	0.0%	
2014	0	0	0.0%	0	0	0.0%	7	0	0.0%	0	0	0.0%	0	0	0.0%	7	0	0.0%	
2015	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	



(a)(2v) Waiver

From 1/1/2014 to 12/31/2014

LD Truck Model Year	A			T			O			B			C			Total		
	ASM		%	TSI		%	OBD		%	OBD+ ASM		%	OBD+ TSI		%	Test		%
	Test Count	Waiver Count	Waiver															
1968	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1969	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1970	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1971	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1972	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1973	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1974	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1975	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1976	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1977	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1978	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1979	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1980	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1981	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1982	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1983	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1984	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1985	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1986	2	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	0	0.0%
1987	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%
1988	13	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	13	0	0.0%
1989	17	0	0.0%	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	18	0	0.0%
1990	86	2	2.3%	2	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	88	2	2.3%
1991	166	3	1.8%	6	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	172	3	1.7%
1992	127	1	0.8%	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	128	1	0.8%
1993	241	5	2.1%	10	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	251	5	2.0%
1994	354	3	0.8%	6	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	360	3	0.8%
1995	350	0	0.0%	15	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	365	0	0.0%
1996	0	0	0.0%	0	0	0.0%	245	1	0.4%	56	0	0.0%	0	0	0.0%	301	1	0.3%
1997	0	0	0.0%	0	0	0.0%	358	2	0.6%	35	2	5.7%	0	0	0.0%	393	4	1.0%
1998	0	0	0.0%	0	0	0.0%	384	2	0.5%	2	0	0.0%	0	0	0.0%	386	2	0.5%
1999	0	0	0.0%	0	0	0.0%	494	5	1.0%	0	0	0.0%	0	0	0.0%	494	5	1.0%
2000	0	0	0.0%	0	0	0.0%	732	9	1.2%	0	0	0.0%	0	0	0.0%	732	9	1.2%
2001	0	0	0.0%	0	0	0.0%	772	23	3.0%	0	0	0.0%	0	0	0.0%	772	23	3.0%
2002	0	0	0.0%	0	0	0.0%	869	16	1.8%	0	0	0.0%	0	0	0.0%	869	16	1.8%
2003	0	0	0.0%	0	0	0.0%	675	10	1.5%	0	0	0.0%	0	0	0.0%	675	10	1.5%
2004	0	0	0.0%	0	0	0.0%	814	19	2.3%	1	0	0.0%	0	0	0.0%	815	19	2.3%
2005	0	0	0.0%	0	0	0.0%	611	9	1.5%	1	0	0.0%	0	0	0.0%	612	9	1.5%
2006	0	0	0.0%	0	0	0.0%	524	13	2.5%	0	0	0.0%	0	0	0.0%	524	13	2.5%
2007	0	0	0.0%	0	0	0.0%	310	1	0.3%	1	0	0.0%	0	0	0.0%	311	1	0.3%
2008	0	0	0.0%	0	0	0.0%	185	1	0.5%	0	0	0.0%	0	0	0.0%	185	1	0.5%
2009	0	0	0.0%	0	0	0.0%	96	1	1.0%	0	0	0.0%	0	0	0.0%	96	1	1.0%
2010	0	0	0.0%	0	0	0.0%	104	0	0.0%	0	0	0.0%	0	0	0.0%	104	0	0.0%
2011	0	0	0.0%	0	0	0.0%	53	0	0.0%	0	0	0.0%	0	0	0.0%	53	0	0.0%
2012	0	0	0.0%	0	0	0.0%	81	0	0.0%	0	0	0.0%	0	0	0.0%	81	0	0.0%
2013	0	0	0.0%	0	0	0.0%	20	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%
2014	0	0	0.0%	0	0	0.0%	3	0	0.0%	0	0	0.0%	0	0	0.0%	3	0	0.0%
2015	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%



(a)(2v) Waiver

From 1/1/2014 to 12/31/2014

MD Truck Model Year	A			T			O			B			C			Total		
	ASM		%	TSI		%	OBD		%	OBD+ ASM		%	OBD+ TSI		%	Test		%
	Test Count	Waiver Count	Waiver	Test Count	Waiver Count	Waiver	Test Count	Waiver Count	Waiver	Test Count	Waiver Count	Waiver	Test Count	Waiver Count	Waiver	Test Count	Waiver Count	Waiver
1968	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1969	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1970	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1971	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1972	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1973	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1974	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1975	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1976	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1977	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1978	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1979	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1980	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1981	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1982	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1983	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1984	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1985	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1986	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1987	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1988	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1989	6	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	0	0.0%
1990	26	0	0.0%	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	27	0	0.0%
1991	24	1	4.2%	4	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	28	1	3.6%
1992	30	1	3.3%	6	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	36	1	2.8%
1993	65	0	0.0%	4	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	69	0	0.0%
1994	98	1	1.0%	8	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	106	1	0.9%
1995	117	3	2.6%	6	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	123	3	2.4%
1996	0	0	0.0%	0	0	0.0%	84	0	0.0%	0	0	0.0%	0	0	0.0%	84	0	0.0%
1997	0	0	0.0%	0	0	0.0%	107	2	1.9%	0	0	0.0%	0	0	0.0%	107	2	1.9%
1998	0	0	0.0%	0	0	0.0%	147	2	1.4%	0	0	0.0%	0	0	0.0%	147	2	1.4%
1999	0	0	0.0%	0	0	0.0%	159	6	3.8%	0	0	0.0%	0	0	0.0%	159	6	3.8%
2000	0	0	0.0%	0	0	0.0%	199	3	1.5%	0	0	0.0%	0	0	0.0%	199	3	1.5%
2001	0	0	0.0%	0	0	0.0%	243	4	1.6%	0	0	0.0%	0	0	0.0%	243	4	1.6%
2002	0	0	0.0%	0	0	0.0%	297	8	2.7%	0	0	0.0%	0	0	0.0%	297	8	2.7%
2003	0	0	0.0%	0	0	0.0%	341	6	1.8%	0	0	0.0%	0	0	0.0%	341	6	1.8%
2004	0	0	0.0%	0	0	0.0%	384	3	0.8%	0	0	0.0%	0	0	0.0%	384	3	0.8%
2005	0	0	0.0%	0	0	0.0%	219	5	2.3%	0	0	0.0%	0	0	0.0%	219	5	2.3%
2006	0	0	0.0%	0	0	0.0%	272	6	2.2%	0	0	0.0%	0	0	0.0%	272	6	2.2%
2007	0	0	0.0%	0	0	0.0%	214	2	0.9%	0	0	0.0%	0	0	0.0%	214	2	0.9%
2008	0	0	0.0%	0	0	0.0%	202	2	1.0%	0	0	0.0%	0	0	0.0%	202	2	1.0%
2009	0	0	0.0%	0	0	0.0%	75	0	0.0%	0	0	0.0%	0	0	0.0%	75	0	0.0%
2010	0	0	0.0%	0	0	0.0%	66	0	0.0%	0	0	0.0%	0	0	0.0%	66	0	0.0%
2011	0	0	0.0%	0	0	0.0%	38	0	0.0%	0	0	0.0%	0	0	0.0%	38	0	0.0%
2012	0	0	0.0%	0	0	0.0%	41	0	0.0%	0	0	0.0%	0	0	0.0%	41	0	0.0%
2013	0	0	0.0%	0	0	0.0%	10	0	0.0%	0	0	0.0%	0	0	0.0%	10	0	0.0%
2014	0	0	0.0%	0	0	0.0%	8	0	0.0%	0	0	0.0%	0	0	0.0%	8	0	0.0%
2015	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Totals:	366	6	1.6%	29	0	0.0%	3106	49	1.6%	0	0	NaN	0	0	NaN	3501	55	1.6%



(a)(2v) Waiver

From 1/1/2014 to 12/31/2014

HD Truck Model Year	A			T			O			B	
	ASM			TSI			OBD			OBD+ ASM	
	Test Count	Waiver Count	% Waiver	Test Count	Waiver Count	% Waiver	Test Count	Waiver Count	% Waiver	Test Count	Waiver Count
1968	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1969	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1970	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1971	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1972	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1973	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1974	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1975	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1976	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1977	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1978	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1979	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1980	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1981	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1982	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1983	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1984	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1985	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1986	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1987	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1988	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
1989	0	0	0.0%	3	0	0.0%	0	0	0.0%	0	0
1990	0	0	0.0%	11	1	9.1%	0	0	0.0%	0	0
1991	0	0	0.0%	7	0	0.0%	0	0	0.0%	0	0
1992	0	0	0.0%	14	1	7.1%	0	0	0.0%	0	0
1993	0	0	0.0%	15	0	0.0%	0	0	0.0%	0	0

(a)(2v) Waiver

From 1/1/2014 to 12/31/2014

1994	0	0	0.0%	17	1	5.9%	0	0	0.0%	0	0
1995	0	0	0.0%	38	1	2.6%	0	0	0.0%	0	0
1996	0	0	0.0%	21	1	4.8%	6	0	0.0%	0	0
1997	0	0	0.0%	34	0	0.0%	12	1	8.3%	0	0
1998	0	0	0.0%	38	1	2.6%	10	1	10.0%	0	0
1999	0	0	0.0%	44	0	0.0%	8	0	0.0%	0	0
2000	0	0	0.0%	62	3	4.8%	26	2	7.7%	0	0
2001	0	0	0.0%	34	1	2.9%	31	2	6.5%	0	0
2002	0	0	0.0%	46	1	2.2%	28	1	3.6%	0	0
2003	0	0	0.0%	43	0	0.0%	38	2	5.3%	0	0
2004	0	0	0.0%	39	1	2.6%	43	0	0.0%	0	0
2005	0	0	0.0%	4	0	0.0%	38	4	10.5%	0	0
2006	0	0	0.0%	3	0	0.0%	68	2	2.9%	0	0
2007	0	0	0.0%	0	0	0.0%	46	0	0.0%	0	0
2008	0	0	0.0%	0	0	0.0%	33	0	0.0%	0	0
2009	0	0	0.0%	0	0	0.0%	8	0	0.0%	0	0
2010	0	0	0.0%	0	0	0.0%	16	0	0.0%	0	0
2011	0	0	0.0%	0	0	0.0%	15	0	0.0%	0	0
2012	0	0	0.0%	0	0	0.0%	11	0	0.0%	0	0
2013	0	0	0.0%	0	0	0.0%	3	0	0.0%	0	0
2014	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
2015	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0
Totals:	0	0	NaN	473	12	2.5%	440	15	3.4%	0	0

0.0%	0	0	0.0%	17	1	5.9%
0.0%	0	0	0.0%	38	1	2.6%
0.0%	0	0	0.0%	27	1	3.7%
0.0%	0	0	0.0%	46	1	2.2%
0.0%	0	0	0.0%	48	2	4.2%
0.0%	0	0	0.0%	52	0	0.0%
0.0%	0	0	0.0%	88	5	5.7%
0.0%	0	0	0.0%	65	3	4.6%
0.0%	0	0	0.0%	74	2	2.7%
0.0%	0	0	0.0%	81	2	2.5%
0.0%	0	0	0.0%	82	1	1.2%
0.0%	0	0	0.0%	42	4	9.5%
0.0%	0	0	0.0%	71	2	2.8%
0.0%	0	0	0.0%	46	0	0.0%
0.0%	0	0	0.0%	33	0	0.0%
0.0%	0	0	0.0%	8	0	0.0%
0.0%	0	0	0.0%	16	0	0.0%
0.0%	0	0	0.0%	15	0	0.0%
0.0%	0	0	0.0%	11	0	0.0%
0.0%	0	0	0.0%	3	0	0.0%
0.0%	0	0	0.0%	0	0	0.0%
0.0%	0	0	0.0%	0	0	0.0%
NaN	0	0	NaN	913	27	3.0%